

Serial No. 09/550,371

PATENT DOCKET 17328

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FORM PTO-1449

Sheet 1 of 1

LIST OF ART CITED BY APPLICANT

ATTY. DOCKET: 17328.	SERIAL NO.: 09/550,371 <i>10/630,204</i>
APPLICANT: AOKI, ET AL.,	TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE: April 14, 2000	GROUP: <i>1653</i>

UNITED STATES PATENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
<i>CMK</i>	AA	6,113,915	9/5/00	AOKI	424	236	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER *CMK*

DATE CONSIDERED *4/29/05*

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U.S. Department of Commerce, Patent and Trademark Office PTO form 1449	Atty Docket No.	Serial No.
	17328 (AP)	09/550,371- <i>10/639 204</i>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s) Aoki et al.
(Use several sheets if necessary)		
Filing Date October 4, 2000		Group 1653

## U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>CTK</i>	AA	6,063,768	5/26/00	First			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

Examiner *Chen* Date Considered *4/29/05*

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SUPPLEMENTAL  
LIST OF ART CITED BY APPLICANT

ATTY. DOCKET: 17328 (BOT).	SERIAL NO.: 09/550,371 <u>10/630,204</u>
APPLICANT: AOKI, et al.	TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE: APRIL 14, 2000	GROUP: 1653

U.S. PATENT DOCUMENTS

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CHK	AA	6,113,915	9/5/00	AOKI	424		
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/n )
CHK	BA	WO 97/34624	9/25/97	PCT			
	BB	WO 96/33273	10/24/96	PCT			
CHK	BC	WO 95/30431	11/16/95	PCT			

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

CHK	CA	Guyer, B., <i>Mechanism of botulinum toxin in the relief of chronic pain</i> , Current Review of Pain, 1999, 3:427-431, XP-001031379
	CB	Carruthers, A., et al., <i>Improvement of tension-type headache when treating wrinkles with botulinum toxin A injections</i> , Headache, Oct. 1999:39:662-665, XP-001031356
	CC	Diaz, J., et al., <i>Management of post-thoracotomy pseudoangina and myofascial pain with botulinum toxin</i> , Anesthesiology, V 91, No. 3, Sep 1999, pp. 877-879, XP-001031347
	CD	Silberstein, S., et al., <i>Botulinum toxin type A as a migraine preventive treatment</i> , Headache 2000:40:445-450, XP-002182692
CHK	CE	Gobel, H., et al., <i>Evidence-based medicine: botulinum toxin A in migraine and tension-type headache</i> , Journal of Neurology, 2001 248 Supp 1: 1/34-1/38, XP-002182693

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APPLICANT: Aoki et al.	TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE: 04/14/2000	GROUP: <u>.1646</u> <u>1653</u>

U.S. PATENT DOCUMENTS

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<u>CMK</u>	AA	6,063,768	5/16/00	FIRST			
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/n )
	BA						
	BB						

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

<u>CMK</u>	CA	Cheng, Guang-Shing; <i>Botox, Dermabrasion Treated Facial Leiomyomas</i> ; <u>Skin &amp; Allergy News</u> 2000;31(3):16.
	CB	First, E. et al.; <i>Painful Cervical Dystonia: Response to Treatment with Botulinum Toxin</i> ; <u>Mov Disord</u> 1998;13(Suppl2):100.
	CC	Guyer, Barry M.; <i>Mechanism of Botulinum Toxin in the Relief of Chronic Pain</i> ; <u>Curr Rev Pain</u> 1999;3(6):427-431.
	CD	Li, Yan, et al.; <i>A Single Mutation in the Recombinant Light Chain of Tetanus Toxin Abolishes Its Proteolytic Activity and Removes the Toxicity Seen after Reconstitution with Native Heavy Chain</i> ; <u>Biochemistry</u> 1994, 33, 7014-7020.
	CE	Schantz, Edward J., et al.; <i>Properties and Use of Botulinum Toxin and Other Microbial Neurotoxins in Medicine</i> ; <u>Microbiological Reviews</u> Mar. 1992, pp. 80-99, Vol. 56, No. 1.
	CF	Tarsy, Daniel, et al.; <i>Painful Cervical Dystonia: Clinical Features and Response to Treatment With Botulinum Toxin</i> ; <u>Mov Disord</u> 1999;14(6):1043-1045.
<u>CMK</u>	CG	Zhou, Liqing, et al.; <i>Expression and Purification of the Light Chain of Botulinum Neurotoxin A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after Reconstitution with the Heavy Chain</i> ; <u>Biochemistry</u> 1995, 34, 15175-15181.
	CH	

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
CHK	AA	5,714,468	2/3/98	BINDER			
	AB	5,766,605	6/16/98	SANDERS ET AL.			
CHK	AC	5,989,545	11/23/99	FOSTER ET AL.			

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
CHK	BA	94/15629	7/21/94	PCT			
	BB	96/33273	10/24/96	PCT			
	BC	98/07864	2/26/98	PCT			
CHK	BD	99/17806	4/15/99	PCT			

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CHK	CA	Barwood, Shane, et al.; <i>Analgesic Effects of Botulinum Toxin A: A Randomized, Placebo-Controlled Clinical Trial</i> ; <i>Developmental Medicine &amp; Child Neurology</i> , 2000; 42:116-121
	CB	Bigalke, H., et al.; <i>Botulinum A Neurotoxin Inhibits Non-Cholinergic Synaptic Transmission in Mouse Spinal Cord Neurons in Culture</i> ; <i>Brain Research</i> , 360 (1985); 318-324.
	CC	Bigalke, H., et al.; <i>Tetanus Toxin and Botulinum A. Toxin Inhibit Release and Uptake of Various Transmitters, as Studied with Particulate Preparations from Rat Brain and Spinal Cord</i> ; <i>Naunyn-Schmiedeberg's Arch. Pharmacol</i> (1981); 316:244-251.
	CD	Cheshire, et al.; <i>Botulinum Toxin in the Treatment of Myofascial Pain Syndrome</i> ; <i>Pain</i> , 1994; 59(1):65-9.
CHK	CE	DiStefano, P. S., et al.; <i>Receptor Mediated Retrograde Axonal Transport of Neurotrophic Factors is Increased After Peripheral Nerve Injury</i> ; <i>Progress in Brain Research</i> (1994); Vol. 103; Chapter 4; 35-42.

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(Including Author, Title, Date, Pertinent Pages, etc.)

CMK	CF	Dixon, W. J.; <i>Efficient Analysis of Experimental Observations</i> ; <u>Ann. Rev. Pharmacol. Toxicol.</u> (1980); 20:441-462.
	CG	Dubuisson, D., et al.; <i>The Formalin Test: A Quantitative Study of the Analgesic Effects of Morphine, Meperidine, and Brain Stem Stimulation in Rats and Cats</i> ; <u>Pain</u> (1977); 4:161-174.
	CH	Duc, C., et al.; <i>Ultrastructural Localization of SNAP-25 Within the Rat Spinal Cord and Peripheral Nervous System</i> ; <u>The Journal of Comparative Neurology</u> (1995); 356:152-163.
	CI	Fauci, A.S., et al. (Editors); <u>Harrison's Principles of Internal Medicine</u> , 14 <sup>th</sup> Edition (1998); McGraw-Hill; 2064-2065.
	CJ	Garner, C.G., et al.; <i>Time Course of Distant Effects of Local Injections of Botulinum Toxin; Movement Disorders</i> ; Vol. 8, No. 1; 1993.
	CK	Habermann, E.; <i>Inhibition by Tetanus and Botulinum A Toxin of the Release of (<sup>3</sup>H)noradrenaline and (<sup>3</sup>H)GABA from Rat Brain Homogenate</i> ; <u>Experientia</u> 44 (1988); 224-226.
	CL	Habermann, E.; <i>I-Labeled Neurotoxin from Clostridium Botulinum A: Preparation, Binding to Synaptosomes and Ascent to the Spinal Cord</i> ; <u>Naunyn Schmiedeberg's Arch. Pharmacol.</u> ; 281, 47-56 (1974).
	CM	Habermann, E., et al.; <i>Tetanus Toxin and Botulinum A and C Neurotoxins Inhibit Noradrenaline Release from Cultured Mouse Brain</i> ; <u>Journal of Neurochemistry</u> ; Vol. 51; No. 2 (1988); 522-527.
	CN	Hagenah, R., et al.; <i>Effects of Type A Botulinum Toxin on the Cholinergic Transmission at Spinal Renshaw Cells and on the Inhibitory Action at Ia Inhibitory Interneurons</i> ; <u>Naunyn-Schmiedeberg's Arch. Pharmacol.</u> ; 299, 267-272 (1977).
	CO	Halpern, J.L., et al.; <i>Neurospecific Binding, Internalization, and Retrograde Axonal Transport</i> ; Date Unknown; pp. 221-241.
	CP	Johnson, E., et al.; <i>Biomedical Aspects of Botulinum Toxin</i> ; <u>J. Toxicol.-Toxin Reviews</u> ; Feb. 18, 1999; 18(1):1-15.
CMK	CQ	Jung, H. H., et al.; <i>Expression of Neurotransmitter Genes in Rat Spinal Motoneurons After Chemodenervation with Botulinum Toxin</i> ; <u>Neuroscience</u> (1997); Vol. 78, No. 2; 469-479.

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CHK	CR	Kim, S. H., et al.; <i>An Experimental Model for Peripheral Neuropathy Produced by Segmental Spinal Nerve Ligation in the Rat</i> ; <u>Pain</u> , 50 (1992); 355-363.
	CS	Li et al.; <i>Biochemistry</i> ; 33:7014-7020 (1994).
	CT	Mochida, S., et al.; <i>Impairment of Syntaxin by Botulinum Neurotoxin C<sub>1</sub> or Antibodies Inhibits Acetylcholine Release but not Ca<sup>2+</sup> Channel Activity</i> ; <u>Neuroscience</u> (1995); Vol. 65; No. 3; 905-915.
	CU	Naumann, et al.; <i>Botulinum Toxin Type A in the Treatment of Focal, Axillary and Palmar Hyperhidrosis and Other Hyperhidrotic Conditions</i> ; <u>European Journal of Neurology</u> , 1999; Vol. 6(suppl4):S3-S10 and S111-S115.
	CV	Nelson, P.G., et al.; <i>Mouse Spinal Cord in Cell Culture. IV. Modulation of Inhibitory Synaptic Function</i> ; <u>Journal of Neurophysiology</u> ; Vol. 40, No. 5; Sept. 1977; 1178-1187.
	CW	Osen-Sand, A., et al.; <i>Inhibition of Axonal Growth by SNAP-25 Antisense Oligonucleotides in vitro and in vivo</i> ; <u>Nature</u> ; 29 July 1993; Vol. 364; 445-448.
	CX	Pearce, L. B., et al.; <i>Pharmacologic Characterization of Botulinum Toxin for Basic Science and Medicine</i> ; <u>Toxicon</u> (1997); Vol. 35, No. 9; 1373-1412.
	CY	Ragona, et al.; <i>Management of Parotid Sialocele with Botulinum Toxin</i> ; <u>Laryngoscope</u> , 109:August 1999; p. 1344-36..
	CZ	Ransom, B.R., et al.; <i>Mouse Spinal Cord in Cell Culture. I. Morphology and Intrinsic Neuronal Electrophysiologic Properties</i> ; <u>Journal of Neurophysiology</u> ; Vol. 40, No. 5; Sept. 1977; 1132-1150.
	DA	Ransom, B.R., et al.; <i>Mouse Spinal Cord in Cell Culture. II. Synaptic Activity and Circuit Behavior</i> ; <u>Journal of Neurophysiology</u> ; Vol. 40, No. 5; Sept. 1977; 1151-1162.
	DB	Ransom, B.R., et al.; <i>Mouse Spinal Cord in Cell Culture. III. Neuronal Chemosensitivity and its Relationship to Synaptic Activity</i> ; <u>Journal of Neurophysiology</u> ; Vol. 40, No. 5; Sept. 1977; 1163-1177.
	DC	Rees, H., et al.; <i>Do Dorsal Root Reflexes Augment Peripheral Inflammation?</i> ; <u>Neuro Report</u> ; Vol. 5, No. 7; 21 March 1994; 821-824.
CHK	DD	Sanchez-Prieto, J., et al.; <i>Botulinum Toxin A Blocks Glutamate Exocytosis from Guinea-Pig Cerebral Cortical Synaptosomes</i> ; <u>Eur. J. Biochem.</u> (1987); 165:675-681.

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CMK	DE	Shantz, E.J., et al.; <i>Properties and Use of Botulinum Toxin and Other Microbial Neurotoxins in Medicine</i> ; <u>Microbiol Rev.</u> ; 56:80-99 (1999).
	DF	Simpson, L.; <i>Botulinum Toxin: Potent Poison, Potent Medicine</i> ; <u>Hospital Practice</u> ; April 15, 1999; 34(4):87-91.
	DG	Singh, B.R.; <i>Critical Aspects of Bacterial Protein Toxins</i> ; <u>Natural Toxins II</u> (1996); Plenum Press, New York; pp. 63-84.
	DH	Tonra, J. R., et al.; <i>Axotomy Upregulates the Anterograde Transport and Expression of Brain-Derived Neurotrophic Factor by Sensory Neurons</i> ; <u>The Journal of Neuroscience</u> ; June 1, 1998; 18(11):4374-4383.
	DI	Tsuda, M., et al.; <i>In vivo Pathway of Thermal Hyperalgesia by Intrathecal Administration of <math>\alpha</math>, <math>\beta</math>-methylene ATP in Mouse Spinal Cord: Involvement of the Glutamate-NMDA Receptor System</i> ; <u>Br. J. Pharmacol</u> (1999); 127(2):449-456.
	DJ	Wiegand, H., et al.; <i>The Action of Botulinum A Neurotoxin on the Inhibition by Antidromic Stimulation of the Lumbar Monosynaptic Reflex</i> ; <u>Naunyn-Schmiedeberg's Arch. Pharmacol.</u> (1977); 298:235-238.
	DK	Wiegand, H., et al.; <i>I-Labelled Botulinum A Neurotoxin: Pharmacokinetics in Cats After Intramuscular Injection</i> ; <u>Naunyn-Schmiedeberg's Arch. Pharmacol.</u> ; 292, 161-165 (1976).
	DL	Williamson, L. C., et al.; <i>Clostridial Neurotoxins and Substrate Proteolysis in Intact Neurons</i> ; <u>The Journal of Biological Chemistry</u> ; Mar. 29, 1996; Vol. 271:13; 7694-7699.
	DM	Williamson, L. C., et al.; <i>Differential Effects of Tetanus Toxin on Inhibitory and Excitatory Neurotransmitter Release from Mammalian Spinal Cord Cells in Culture</i> ; <u>Journal of Neurochemistry</u> ; 1992; Vol. 59:6; 2148-2157.
	DN	Willis, W. D.; <i>Pain</i> ; <u>The Rat Nervous System</u> ; Second Edition; 1995; Academic Press, Inc.; pages 725-750.
	DO	Woolf, C. J., et al.; <i>Neuropathic Pain: Aetiology, Symptoms, Mechanisms, and Management</i> ; <u>The Lancet</u> ; June 5, 1999; Vol. 353; 1959-1964.
	DP	Yaksh, T. L., et al.; <i>Chronic Catheterization of the Spinal Subarachnoid Space</i> ; <u>Physiology &amp; Behavior</u> (1976); Vol. 17:1031-1036.
CMK	DQ	Zhou et al., <i>Biochemistry</i> ; 34:15175-15181 (1995).

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